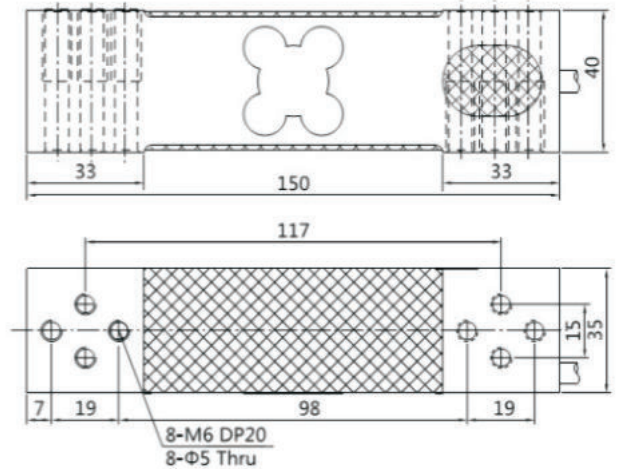


GPB144D



FEATURES

- Aluminum alloy, surface anodized and anticorrosion;
- Built-in digital module, digital signal output, RS485 or RS232
- Max platform size: 400×400mm;
- Factory calibration, no calibration required
- Modify the acceleration of gravity and can be used in other places without calibration;
- To change division value, after that, the corresponding weight can be output, no need for field calibration;
- The sensor has only one zero-setting command and a weight read command are immediately accessed;
- Mainly used in smart shelves, smart gravity cabinets, garbage recycling and others.

PARAMETER

Rated Load	25,40,60,100,200,350(kg)		
Division Value	≤50kg, 1g	A/D Resolution	300000
	60~100kg, 2g	Weight data output rate	RS485: 3ms
	150~200kg, 5g		RS232: 20ms
	350kg, 10g	Operating Temp.Range	RS485: -20~+70 °C
Detectability *	Default 1		RS232: -10~+70 °C
Comprehensive Error	0.005%F.S	Excitation,Recommend	5~12VDC
Temp. Effect on Output	0.002%F.S/°C	Safe Overload	150%
Temp. Effect on Zero	0.002%F.S/°C	Ultimate Overload	200%
Creep	0.018%F.S/30min	Cable	4-Wire Shielded Cable
Output	RS485 or RS232	Cable length	Φ5mm×1.5m
Baud rate	RS485: 115200	Ingress Protection	IP65
	RS232: 19200	Communication Protocol	RS485:MODBUS RTU and custom protocol
A/D Sampling Rate	1200 times/sec		

*Detectability can be set according to the customer scenario;

WIRING

Rs232	RS485	Color	Explain
+V	+V	Red	5~12VDC
GND	GND	Black	0V
RD	A	Green	Connect external device TXD or A
TD	B	White	Connect external device RXD or B